

## Registration

For registration information, please call:  
National Laboratory Training Network– Pacific Office

800-536-NLTN (6586) or 510-540-3991  
or email to [poffice@nltn.org](mailto:poffice@nltn.org)

### American Disabilities Act:

In compliance with the American Disabilities Act, individuals needing special accommodations should notify Joseph Morgan ( 510-540-2251) at least fourteen (14) days prior to the workshop.

**First Class  
Mail**

National Laboratory Training Network  
Pacific Office  
California Department of Health Services  
2151 Berkeley Way, Room 803  
Berkeley, CA 94704



**Northern California Association  
of Public Health Microbiologists**

**ANNUAL SPRING MEETING  
2000**



sponsored by  
**National Laboratory Training Network -  
Pacific Office  
&  
Northern California Association  
of Public Health Microbiologists**



The National Laboratory Training Network is a training system sponsored by the Association of Public Health Laboratories and the Centers for Disease Control and Prevention.



Program Description

The 23rd Annual Spring Meeting of the Northern California Association of Public Health Microbiologists will focus on new concepts and agents in public health realms. A New Millennium in Microbiology will include such diverse topics as toxins as agents of biowarfare, obscure parasites, laboratory design and air quality.

**Parasites Your Mother Never Told You About.** Meet the parasites encountered only once or twice in a parasitologist's lifetime. See Bertiella, Gnathostoma, Heterodera, Mesocestoides, Nanophyetus and more. Hear about their lifestyles and how humans encounter them.

**Findings of the California Encephalitis Project—June 1998-December 1999.** The California Encephalitis Project was initiated by the Viral & Rickettsial Disease Laboratory in June 1998 to determine the etiology of encephalitis in patients hospitalized in California by providing enhanced and rapid diagnostic testing services. Results of the project will be presented.

**The Lighter Side of Food Toxicology.** This presentation will be an informative musical program that addresses many of the serious, controversial, and interesting topics in the field of food toxicology including food irradiation, pesticide use and residue, E. coli O157, olestra, and the Environmental Protection Agency.

**The Eleanor Ford Memorial Lecture: The Design of a Microbiological Laboratory in the New Millennium.** This session will explore the environmental issues, regulatory requirements, building code requirements, investigatory/protocol requirements, risk management and physical constraints associated with the design and operation of microbiology laboratories. Part of the session will be devoted to discussing CDC's response program for bioterrorism.

**Indoor Air Quality.** Over the past 5 years, the U.S. Environmental Protection Agency has conducted The Building Assessment Survey and Evaluation (BASE), a cross-sectional study of indoor air quality in 100 public and commercial office buildings. Dr. Macher will describe the role of the State Health Department in the analysis of the bioaerosol data including indoor and outdoor fungal concentrations in summer and winter.

**Botulinum Toxin as a Weapon in the 20<sup>th</sup> Century.** Over the past century, botulinum toxin has been developed as a weapon by armies and terrorist groups alike. Recently uncovered historic episodes will be reviewed for their relevance to public health microbiologists and civilian biodefense.

Who Should Attend

This program is open to Public Health and Clinical Microbiologists and other Public Health Laboratorians.

Course Objectives

At the conclusion of the workshop, participants will be able to:

- 1. Discuss the identification of some rare parasites.
- 2. Discuss the California Encephalitis Project.
- 3. Describe some of the many food toxicoses and their effects on humans.
- 4. Describe some of the major considerations in the design of a new laboratory.
- 5. List the importance of fungi to indoor air quality.
- 6. Describe how botulinum toxin has been used as a biowarfare weapon.

Program

7:30 am	Registration	
8:25 am	Welcome and Introductions	
8:30 am	Parasites Your Mother Never Told You About	Ms. Hummert
9:30 am	Break	
9:45 am	Findings of the California Encephalitis Project: June 1998-December 1999	Ms. Gilliam
10:45 am	The Lighter Side of Food Toxicology	Dr. Winter
11:45 am	Lunch and Exhibits	
12:45 pm	Laboratory Design for the New Millennium	Mr. Watson
1:45 pm	Break	
2:00 pm	Studies of Building Air Quality	Dr. Macher
3:00 pm	Botulinum Toxin as a Weapon in the 20 <sup>th</sup> Century	Dr. Schechter
4:00 pm	Post Test / Evaluations	
4:15 pm	Business Meeting	
4:45 pm	Adjournment	

Program Location

All activities will take place at:	<b>DIRECTIONS</b>
Fusselman Hall, Room 120	Highway 101, exit San Anselmo (northbound) or Sir Francis Drake Blvd (southbound). Follow Drake Blvd to Laurel Ave, turn left. Park in parking lots.
College of Marin	
835 College Ave	
Kentfield, CA 94904	

Faculty

- Sabrina Gilliam, M.A.,** Viral and Rickettsial Diseases Laboratory, California Department of Health Services, Berkeley, CA
- Betty A. Hummert, M.A.,** Public Health Microbiologist, Enterics Unit Microbial Diseases Laboratory, California Department of Health Services, Berkeley, CA
- Janet Macher, ScD,** Research Specialist, Air and Industrial Hygiene Laboratory, California Department of Health Services, Berkeley, CA
- Robert Schechter, M.D.,** Infant Botulism Unit, California Department of Health Services, Berkeley, CA
- Nolan Watson, Architect ,** McLellan & Copenhagen LLC, Seattle, W/

**Carl K. Winter, Ph.D.,** Director, Food Safe Program and Extension Food Toxicologist, Department of Food and Technology, University of California, Davis, CA

Continuing Education Units

Continuing education credits will be offered for laboratorians based on 6.0 hours of instruction. The NLTN-Pacific Office is an approved provider of continuing education for **California Medical Laboratory Licensees** (accreditation # 000022). This program qualifies for **6 contact hours** of continuing education for California Clinical Laboratory Licensees.

